

II. Claim Amendments

1. (Cancelled)

2. (Currently Amended) A method for transmitting multimedia messages to a wireless terminal in a data transmission system which includes at least one mobile communication network and at least one multimedia message server, the method comprising:

specifying for each wireless terminal coupled to the mobile communication network, an address identifying said wireless terminal;

activating at least one data transmission connection for the wireless terminal;

informing the at least one multimedia message server of the activation of the data transmission connection for said wireless terminal; and

upon informing the at least one multimedia message server of the activation of the data transmission connection, transmitting the multimedia messages to the wireless terminal using the activated data transmission connection.

~~The method according to claim 1, in which~~wherein messages addressed to said wireless terminal ~~(MS1)~~ are transmitted to the multimedia message server ~~(MMSV)~~, ~~characterized in~~and that before the multimedia messages received by the multimedia message server ~~(MMSV)~~ and addressed to the wireless terminal ~~(MS1)~~ are transmitted to the wireless terminal ~~(MS1)~~,

it is examined, whether there is an activated data transmission connection for said wireless terminal ~~(MS1)~~,

if a data transmission connection is activated for said terminal ~~(MS1)~~, the multimedia messages are transmitted to the wireless terminal ~~(MS1)~~ by using said activated data transmission connection,

if there is no activated data transmission connection for said wireless terminal ~~(MS1)~~, the next phase is to store the multimedia messages in the multimedia message server and wait until a data transmission connection is activated for said wireless terminal ~~(MS1)~~, to use it to transmit multimedia messages to said wireless terminal ~~(MS1)~~.

3. (Currently Amended) The method according to ~~claim 1, characterized in that~~claim 2, wherein at the transmission stage, packets are formed of the multimedia messages, to be transmitted to the wireless terminal ~~(MS1)~~.

4. (Currently Amended) The method according to ~~claim 1, characterized in that~~claim 2, wherein in the data transmission system, a data transfer protocol in a packet form, intended for e-mail transmission, ~~such as SMTP~~, is used, wherein multimedia messages are formed into packets according to said data transfer protocol.

5. (Currently Amended) The method according to claim 4, ~~characterized in that~~wherein data of the type of the multimedia message is transmitted in the multimedia messages, wherein in the method it is possible to select which types of multimedia messages are transmitted in the activated data transmission connection.

6. (Currently Amended) The method according to claim 4, ~~characterized in that~~wherein multimedia messages are formed into packets according to an Internet protocol, which are framed at the transmission stage into packets according to a data transfer protocol intended for transmitting e-mail messages, and which packets are formed into packets according to the Internet protocol in said terminal ~~(MS1)~~.

7. (Currently Amended) The method according to ~~claim 1, characterized in that~~claim 2, wherein information on deactivation of the data transmission connection activated for said wireless terminal ~~(MS1)~~ is transmitted to the multimedia message server ~~(MMSV)~~.

8. (Currently Amended) A system for transmitting multimedia messages to a wireless terminal ~~(MS1)~~ comprising:

at least one mobile communication network (~~HPLMN~~);

at least one multimedia message server (~~MMSV~~);

means (~~SGSN, GGSN~~) for specifying an identifying address for each wireless terminal (~~MS1~~) connected to the mobile communication network (~~HPLMN~~);

means (~~BSS, SGSN, GGSN~~) for activating at least one data transmission connection for said wireless terminal (~~MS1~~); and

means (~~GGSN~~) for transmitting a communication message to the multimedia message server (~~MMSV~~) informing the multimedia message server of the activation of a data transmission connection for said wireless terminal (~~MS1~~) and for transmitting the multimedia messages to the wireless terminal over the data transmission connection in response to the communication message;

wherein the messages addressed to said wireless terminal are transmitted to the multimedia message server, and that before the multimedia messages received by the multimedia message server and addressed to the wireless terminal are transmitted to the wireless terminal,

it is examined, whether there is an activated data transmission connection for said wireless terminal,

if a data transmission connection is activated for said terminal, the multimedia messages are transmitted to the wireless terminal by using said activated data transmission connection,

if there is no activated data transmission connection for said wireless terminal, the next phase is to store the multimedia messages in the multimedia message server and wait until a data transmission connection is activated for said wireless terminal, to use it to transmit multimedia messages to said wireless terminal.

9. (Currently Amended) The system according to claim 8, ~~characterized in that it also comprises~~further comprising means ~~(TE1)~~ for forming packets of the multimedia messages to be transmitted to the wireless terminal ~~(MS1)~~, means ~~(NW)~~ for transmitting packets addressed to said wireless terminal to the multimedia message server ~~(MMSV)~~, and means ~~(HPLMN)~~ for forwarding packets further by using said data transmission connection activated for the wireless terminal ~~(MS1)~~.

10. (Currently Amended) The system according to claim 9, ~~characterized in that it comprises~~further comprising means ~~(TE1, NW, MMSV)~~ for using a data transfer protocol, in a packet format, ~~such as SMTP~~, intended for transmitting e-mails, wherein the multimedia messages are arranged to be formed into packets according to said data transfer protocol.

11. (Currently Amended) A system according to claim 9, ~~characterized in that the system comprises~~further comprising at least one packet radio network ~~(HPLMN)~~, such as GPRS network.

12. (Currently Amended) A multimedia message server ~~(MMSV)~~, which is arranged to be connected to a multimedia message communication system having at least one wireless terminal ~~(MS1)~~, at least one mobile communication network ~~(HPLMN)~~, means ~~(SGSN, GGSN)~~ for specifying an identifying address for each wireless terminal ~~(MS1)~~ connected to the mobile communication network ~~(HPLMN)~~, means ~~(BSS, SGSN, GGSN)~~ for activating at least one data transmission connection for said wireless terminal ~~(MS1)~~, the multimedia message server ~~(MMSV)~~ comprising:

means for receiving a notification that the data transmission connection has been activated including activation data on the data transmission connection,

means for examining the activation data, and

means ~~(HPLMN)~~ for transmitting packets further by using said data transmission connection activated for the wireless terminal ~~(MS1)~~.

wherein packets embodying multimedia messages addressed to said wireless terminal are transmitted to the multimedia message server, and that before the multimedia messages received by the multimedia message server and addressed to the wireless terminal are transmitted to the wireless terminal,

it is examined, whether there is an activated data transmission connection for said wireless terminal,

if a data transmission connection is activated for said terminal, the multimedia messages are transmitted to the wireless terminal by using said activated data transmission connection,

if there is no activated data transmission connection for said wireless terminal, the next phase is to store the multimedia messages in the multimedia message server and wait until a data transmission connection is activated for said wireless terminal, to use it to transmit multimedia messages to said wireless terminal.

13. (Currently Amended) A multimedia terminal (~~MS1~~) which is intended to be used in the system according to claim 8, ~~characterized in that~~wherein the multimedia terminal (~~MS1~~) comprises means for transmitting a data transmission connection activation request to the mobile communication network (~~HPLMN~~).